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From: Abdul Zindani  
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of

Ian J. Sherlock  
Serial No.: 10/033,006  
Filed: December 28, 2001  
Customer No. 23494  
Docket No.: TI-33724  
Art Unit: 2661  
Examiner: Michael P. Chuen  
Conf. No.: 7861  
For: System and Method for Detecting and Locating Interferers in a Wireless Communication System

**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that the following papers are being transmitted by facsimile to the U.S. Patent and Trademark Office at 571-273-8300 on the date shown below:

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10-24-05  
Date

**FACSIMILE COVER SHEET**

<input checked="" type="checkbox"/> <b>FACSIMILE COVER SHEET</b>	<input checked="" type="checkbox"/> <b>AMENDMENT</b> <u>111</u> (11 Pages)
<input type="checkbox"/> <b>NEW APPLICATION</b>	<input type="checkbox"/> <b>EOT</b> <u>(# Page)</u>
<input type="checkbox"/> <b>DECLARATION (# Pages)</b>	<input type="checkbox"/> <b>NOTICE OF APPEAL (# Pages)</b>
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<input type="checkbox"/> <b>CONTINUATION APP'N (# Pages)</b>	<input checked="" type="checkbox"/> <b>Amendment Fee Trans (1 Page)</b>
<input type="checkbox"/> <b>DIVISIONAL APP'N</b>	
<b>NAME OF INVENTOR(S):</b> Ian J. Sherlock	
<b>TITLE OF INVENTION:</b> System and Method for Detecting and Locating Interferers in a Wireless Communication System	
<b>TI FILE NO.:</b> <b>TI-33724</b>	<b>DEPOSIT ACCT. NO.:</b> <b>20-0668</b>
<b>FAXED:</b> 10/24/2005 <b>DUE:</b> 12/23/2005 <b>ATTY/SEC'Y:</b> AZ/ms	
<b>RECEIPT DATE &amp; SERIAL NO.:</b> <b>Serial No.: 10/033,006</b> <b>Filing Date:</b> December 28, 2001	

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Texas Instruments Incorporated  
PO Box 655474, M/S 3999  
Dallas, TX 75265

OCT 24 2005

U.S. PATENT AND TRADEMARK OFFICE  
AMENDMENT TRANSMITTAL FORM

TI-33724  
Attorney Docket No.

In re the Application of

Ian J. Sherlock

Serial No: 10/033,006

Filed: December 28, 2001

Conf. No.: 7861

For: System and Method for Detecting and Locating Interferers in a Wireless Communication System

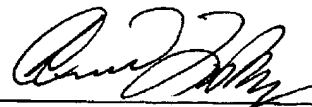
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an amendment in the above-identified application. The fee has been calculated as shown below:

CLAIMS AS AMENDED						
	CLAIMS REMAINING AFTER AMT.		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
Total Claims	39	Minus	36	= 3	x \$50 =	\$ 150.00
Independent Claims	7	Minus	4	= 3	x \$200 =	\$ 600.00
TOTAL ADDITIONAL FEE FOR THIS AMOUNT						\$ 750.00

Charge the total fee, and any further additional fees, or credit overpayment to Texas Instruments Incorporated, Deposit Account No. 20-0668. [This form is submitted in duplicate].



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Attorney for Applicant  
Reg. No. 46,091

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OCT 24 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Ian J. Sherlock Attorney Docket No.: TI-33724  
Serial No: 10/033,006 Filed: December 28, 2001  
Art Unit: 2661 Examiner: Michael P. Chuen  
Customer No.: 23494 Conf. No.: 7861  
Title: System and Method for Detecting and Locating Interferers in a Wireless  
Communication System

CERTIFICATION OF FAX TRANSMITTAL

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*Marianna Smith* 10-24-05  
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**AMENDMENT PURSUANT TO 37 CFR 1.111**

Dear Sir:

This amendment is in response to the Office Action dated September 23, 2005, having a  
statutory period for response set to expire on December 23, 2005.

**Amendments to the Specification** begin on page 2.

**Amendments to Claims** begin on page 3.

**Remarks/Arguments** begin on page 9.

10/25/2005 EFLORES 00000005 200668 10033006

01 FC:1201 600.00 DA  
02 FC:1202 150.00 DA

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